



Esri User Conference

UC 2018

AGIC RECAP



# ArcGIS Is Advancing

Many New and Extensive Capabilities

Location  
Intelligence

GIS

Apps

Imagery

Mapping

Spatial Analysis

Visualization

Open

APIs

Real-Time

Content 3D

Community Engagement

Big Data

Data Management

Artificial Intelligence

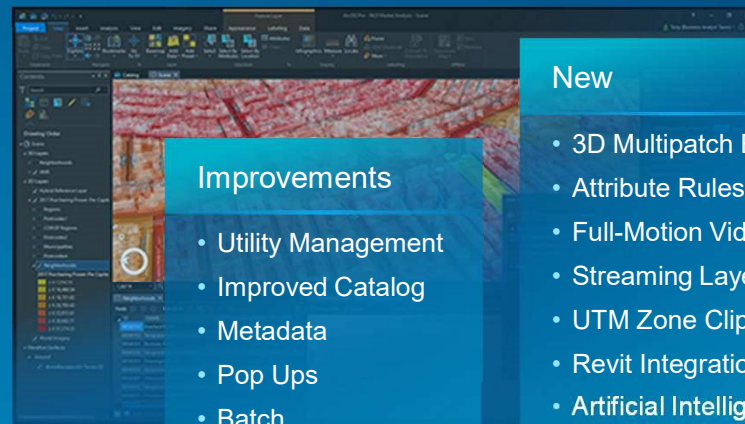
Data Exploration





# ArcGIS Pro | Professional GIS

## Pro 2.2



### Improvements

- Utility Management
- Improved Catalog
- Metadata
- Pop Ups
- Batch Geoprocessing
- Pause Drawing

### New

- 3D Multipatch Editing
- Attribute Rules
- Full-Motion Video
- Streaming Layers
- UTM Zone Clipping
- Revit Integration
- Artificial Intelligence

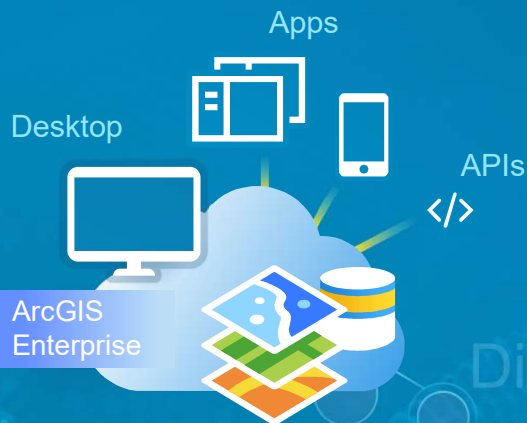
### Coming

- Parcel Management
- Dimensions
- Reports
- Publish to Server
- Offset Printing
- 3D Interpolation
- Unstructured Data
- Voxels

Advanced Mapping, Visualization, Editing, and Analysis

*ArcGIS Pro – A Comprehensive Desktop GIS*

# ArcGIS Enterprise | Comprehensive GIS for Your Organization



## New and Improved

- User Experience
- Performance
- Resilience
- Big Data Analytics
- Distributed Collaboration
- Microsite Builder (Sites)
- ArcGIS Monitor

Level 1 Users  
(Free in Enterprise)

Easier Install  
and Deployment



Enterprise Builder

## Coming

- Containerization
- Intelligent Search
- Machine Learning & Predictive Analytics
- Hosted Python Notebooks

Integrated DevOps  
Tools



PowerShell DSC







Machine Images

Enterprise Data Management, Analysis, and Mapping

# ArcGIS Online | Complete Mapping and Location Intelligence Platform



Mapping, Analysis, and Field Mobility

 <b>5.8+ M</b> Users	 <b>1+ B/Day</b> Maps
 <b>17+ M</b> Items	 <b>59+ M</b> Open Data Downloads



## New and Improved

- Easier Search
- Smart Mapping (2D/3D)
- Analytics
- Web Apps
- Galleries
- Authoritative Content
- External Cloud Access
- Administration
- FedRAMP Authorized

## Coming

- Map Viewer Update
- Intelligent Search
- Imagery Management
- IoT Integration
- Cross-Organization Collaboration

World's Largest Mapping  
and Data-Sharing Platform  
... Available Anywhere

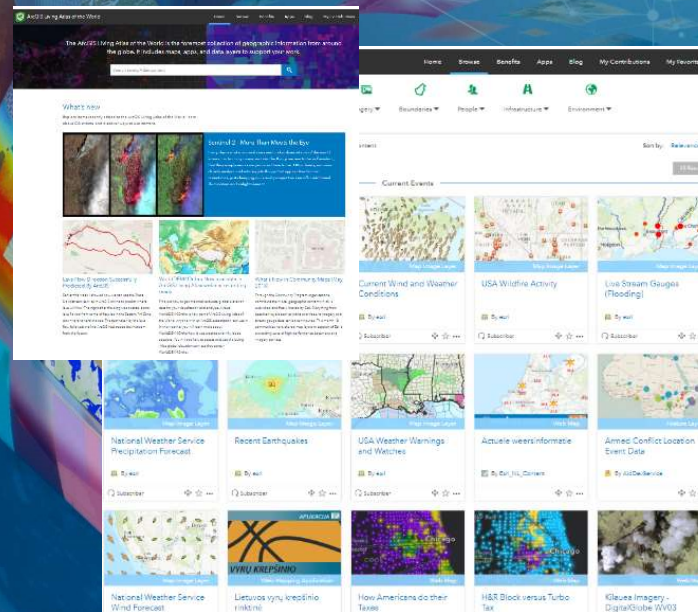




# ArcGIS Content | A Fundamental Part of the Platform

Thousands of Ready-to-Use Maps  
and Datasets from Esri

**Basemaps** Soils  
Agriculture Topo Maps Addressing  
Ecology Sentinel Earthquakes **Traffic** Rainfall  
Geology **Vegetation** Roads  
**Imagery** Land Cover **Scientific**  
Stream Gauges **Landsat** Species NAIP Planes  
Water MODIS Biology **Elevation** Lifestyle POIs  
**Demographics** Protected Areas  
Distribution  
**Hazards** Climate DigitalGlobe **Floodplains**  
Weather Historical Maps Landscape Oceans Stream Forecasts  
**Population** **Boundaries** OSM  
Sea Temperature Wildfires Railroads



## New

- Vector Basemaps
- Dynamic OSM
- Sentinel-2
- Imagery Styles
- Clarity & Firefly
- Wayback

Millions of Maps and Layers  
Shared by Users

*The Foremost Collection of Global Geographic Information . . .  
. . . a Living Atlas of the World*

# Solution Products | Directly Supporting Focused Workflows

Ready to Use

Hub  
Community Engagement



Indoors  
Spaces, People & Assets



Urban  
Planning & Development



Smart  
Solutions

Works With Your Enterprise GIS







# 2018 Special Achievement in GIS Award Winners

## City of Tucson

### Tucson Birding Trail: Promoting Wildlife Watching and Conservation in Greater Tucson...

Tucson, Arizona is surrounded by beautiful natural areas which are prime birding sites, but you don't have to leave the city to see a large variety of birds. Over 350 species of birds have been sighted in the Tucson metropolitan area. This map showcases 45 recommended birding sites in the Tucson area.

Download  
Switch to  
builder mode  
Trail map here!

Parks and Recreation  
A Nationally Accredited Agency

## TUCSON BIRDING TRAIL



### Tucson Birding Trail

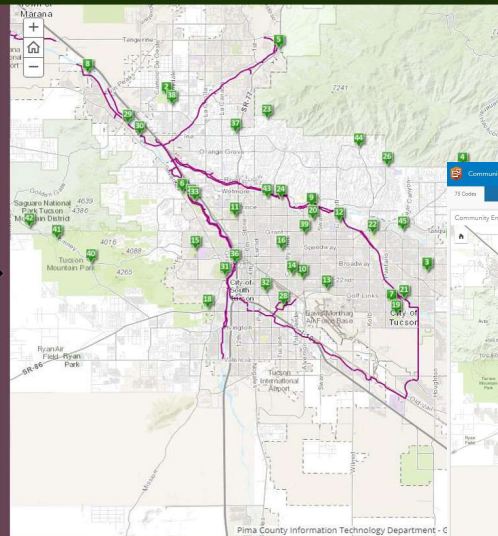
A joint effort by Tucson Parks and Recreation and the Tucson Audubon Society with a grant from the Arizona Game and Fish Department Heritage Fund and funding from Tucson Parks and Recreation. Refer to the Audubon Society's Guide to North American Birds for information about bird species. Click on highlighted and underlined words to link to more information.



Tucson Parks and Recreation  
A Nationally Accredited Agency



Heritage Fund



### Community Engagement Checkpoint

73 Cities

Community Engagement Codes over Part 1 Crimes

Legend

Community Engagement Codes

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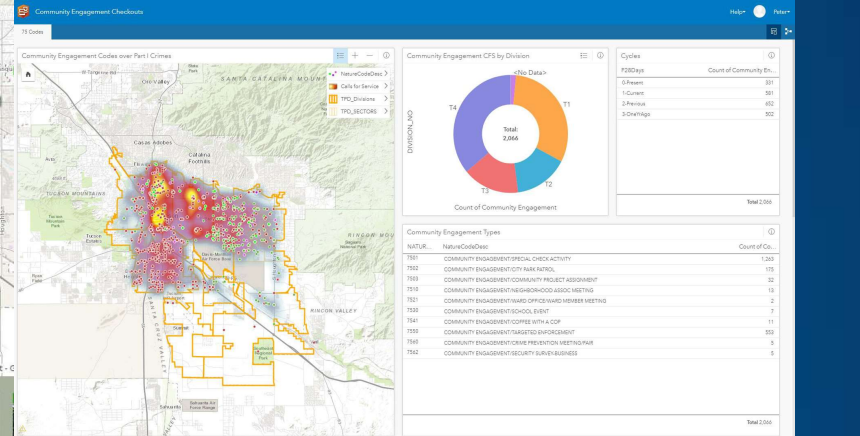
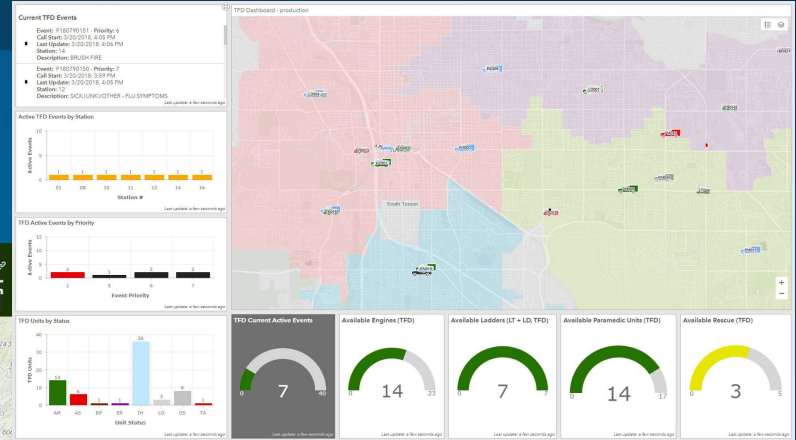
Community Engagement Codes

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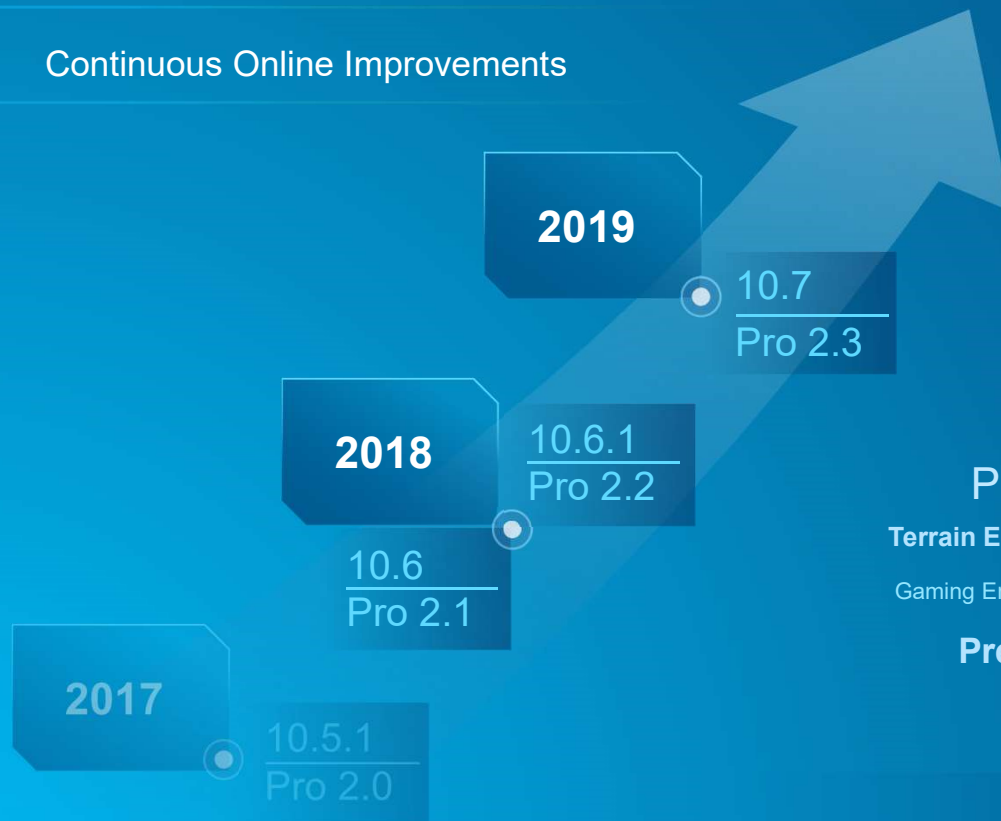


... Congratulations!!!

# What's Next? — The Road Ahead

Incremental Software Releases

Continuous Online Improvements



**Solution Products**

**AI** Machine Learning

Augmented Reality

**Industry Solutions**

Urban 3D Effects Oriented Imagery

**IoT** Situational Awareness

Image Exploration **SaaS**

Big Data Volumetric Data

BIM Spatiotemporal Real-Time

Parcel Management Indoor Mapping

Terrain Editing Stakeholder Engagement Integrated Analytic Systems

Gaming Engine **Microservices** Intuitive Mapping

**Predictive Analysis** Dynamic Analysis

Location Tracking Containerization

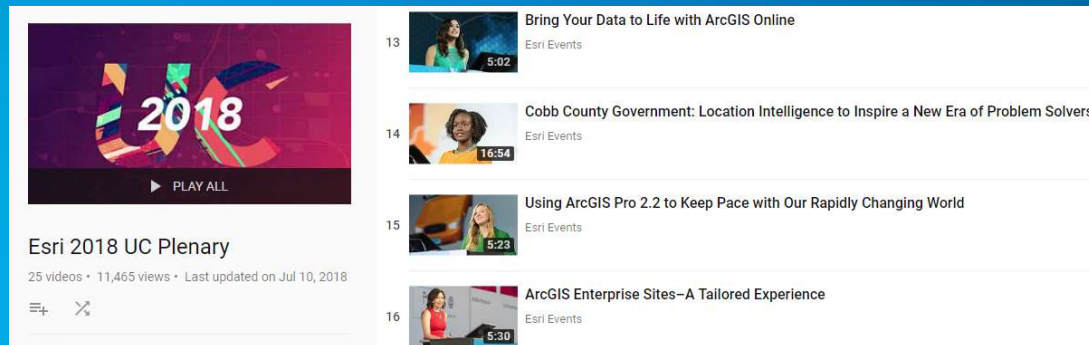
... Continued Focus on Quality, Performance, and Innovation



# UC 2018 Videos for more detail

## Links to dig deeper:

- [UC 2018 Plenary Trailer](#)
- Jack Dangermond Keynote
  - [GIS Inspiring What's Next](#)
  - [Vision](#)
  - [ArcGIS – GIS Mapping & Location Platform](#)
  - [Esri – Serving Our Users](#)
- [Esri 2018 UC Plenary channel](#) – Living Atlas, Pro, Customer examples, ArcGIS Online, AI & ML, Mobile, and more



*. . . Let us know how else we may assist you.*